

ABSTRACT

A device and a method for automated optimization of the service life of technical facilities and/or risk determination of technical facilities. Facility data is captured by a capture module of the optimization device and facility risks are optimized by an evaluation module of the optimization device based on the facility data. At least one risk analysis value for automated risk management and/or facility optimization value for automated optimization of at least one protection device or minimization of a danger potential of the technical facility are determined by corresponding risk elements and/or protection elements.